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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/465,879	12/16/1999	JOHN L. BEEZER	3797.84611	9430

28319 7590 12/11/2006

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EXAMINER

TRAN, MYLINH T

ART UNIT PAPER NUMBER

2179

DATE MAILED: 12/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/465,879

Applicant(s)

JOHN BEEZER

Examiner

Mylinh Tran

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 27 September 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1, 4, 9, 12, 22, 27 and 29-49 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 4, 9, 12, 22, 27 and 29-49 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

Applicant's request for reconsideration filed 09/27/06. The arguments are persuasive. However, the limitations of the claims have not been found to be patentable over newly discovered prior art, therefore, claims 1, 4, 9, 12, 22, 27 and 29-49 are rejected under the new ground of rejection as set forth below.

#### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary.

Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

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Claims 1, 9, 22, 27, 33, 34-35, 37, 39 and 41-49 are rejected under 35 U.S.C. 103(a) as being unpatentable over Henckel et al. [US. 5,463,725] in view of Dow et al. [US. 6,611,291].

As to claims 1 and 9, Henckel et al. discloses a computer implemented method and corresponding apparatus for displaying at least a portion of the electronic document to the user as an immersive reading page, the immersive reading page mimicking a printed paper (figures 1-4, column 2, lines 12-66); associating navigational functionality with a page number of the immersive reading page (Henckel et al. cite "In order to "turn the page" of the displayed book, the user touches the screen with his hand or a pointing device, and moves it across the screen." on page 1, lines 51-55. The step of "turn the page" reads as a navigational functionality of the claimed invention), the page number having a corresponding interactive region that includes only a portion of the immersive reading page (Henckel et al. cite "In order to turn this page, the user touches the display device 10 somewhere on page 103....Any other location on the face of page 103 would be suitable", on page 2, lines 51-56. The interactive region could be any where on an entire page of the displayed book), displaying another immersive reading page of the electronic document in response to the user selecting the interactive region corresponding to the page number of the immersive reading page (Henckel et al. cite "the user then drags his hand to the left, across the face of the display device 10, and a graphic of a turning page 28 moves with it. Thus, as the user "swipes" his hand from right to left across the

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surface of the display screen 10 a graphical depiction of a page turning is shown" on page 2, lines 58-62), wherein the navigational functionality associated with the page number is transparent to the user prior to the user selecting the interactive region corresponding to the page number of the immersive reading page (Henckel et al. cite "A tuning page graphic 28 is displayed part way through this process of turning a page. In order to turn this page, the user touches the display device 10 somewhere on page 103" on page 2, lines 50-65. Before the user swipes his hand from right to left across the surface of the display screen, the user could not see the navigational functionality because it is transparent to the user).

Henckel fails to clearly teach the interactive region includes only a portion of the immersive page. However, Dow et al. show the navigation button associated with a page number at figures 6, 9A. It would have been obvious to one of ordinary skill in the art, at the time the invention was made, to combine the teaching of Dow with Henckel's teachings. Motivation would have been to provide a particular area to the user.

As to claims 22 and 27, Henckel et al. teach the electronic document being a book in electronic form and the immersive reading page mimics a printed paper page of a book (figures 1-4, page 2, column 20-25).

As to claims 33-34, Henckel et al. discloses a computer implemented method and corresponding apparatus for displaying at least a portion of the electronic document to the user as an immersive reading page, the immersive reading

page mimicking a printed paper (figures 1-4, column 2, lines 12-66); associating navigational functionality with an element of the immersive reading page (Henckel et al. cite "In order to "turn the page" of the displayed book, the user touches the screen with his hand or a pointing device, and moves it across the screen." on page 1, lines 51-55. The step of "turn the page" reads as a navigational functionality of the claimed invention), the page number having a corresponding interactive region (Henckel et al. cite "In order to turn this page, the user touches the display device 10 somewhere on page 103....Any other location on the face of page 103 would be suitable", on page 2, lines 51-56. The interactive region could be any where on an entire page of the displayed book), displaying another immersive reading page of the electronic document in response to the user selecting the interactive region corresponding to the element of the immersive reading page (Henckel et al. cite "the user then drags his hand to the left, across the face of the display device 10, and a graphic of a turning page 28 moves with it. Thus, as the user "swipes" his hand from right to left across the surface of the display screen 10 a graphical depiction of a page turning is shown" on page 2, lines 58-62), wherein the navigational functionality associated with the page number is transparent to the user prior to the user selecting the interactive region corresponding to the element of the immersive reading page (Henckel et al. cite "A tuning page graphic 28 is displayed part way through this process of turning a page. In order to turn this page, the user touches the display device 10 somewhere on page 103" on page 2, lines 50-65.

Before the user swipes his hand from right to left across the surface of the display screen, the user could not see the navigational functionality because it is transparent to the user).

As to claims 35, 37 and 39, Henckel et al. show associating functionality with an element of the immersive reading page, the element, being different than the page number, and having a corresponding interactive region, the functionality being different from the navigation functionality associated with the page number (page 1, lines 51-55 and page 2, lines 51-56; the other element which is different than the page number is the title of the page. The title could be placed on the top of each page).

As to claim 41, Henckel et al. fail to clearly teach the user selecting the interactive region being tapping the corresponding interactive region. However, the Dow et al. teach the feature at figure 6. The user can tap the left or right buttons at the left corner. It would have been obvious to one of ordinary skill in the art, to combine the feature of the Dow's teaching with Henckel's electronic book. Motivation of the combination would have been to enhance the electronic book.

As to claims 42, 46 and 49, Henckel et al. fail to clearly teach the interactive region corresponding to the page number including an area to the right of the page number and an area to the left of the page number. However, the Dow et al. show the navigation button associated with a page number at figures 6, 9A. Also, it shows the step of displaying a previous page of the electronic document

in response to the user tapping the area to the left of the page number and displaying a subsequent page of the electronic document in response to the user tapping the area to the right of the page number (once the user taps the right button, displaying a next page in response, the previous page will display if the user taps the left button). It would have been obvious to one of ordinary skill in the art, to combine the feature of the Dow's teaching with Henckel's page number (page 103). Motivation of the combination would have been to enhance the electronic book interface.

As to claims 43-45 and 47-48, while Henckel shows the page number (page 103), Dow et al. show the navigation button associated with a page number at figures 6, 9A. It would have been obvious to one of ordinary skill in the art, to combine the feature of Dow's teaching with Henckel's page number (page 103). Motivation of the combination would have been to enhance the electronic book interface.

Claims 29, 31, 36, 38 and 40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Henckel et al. [US. 5,463,725] in view of the Dow.

As to claims 29 and 31, Henckel et al. in view of Dow fail to clearly teach displaying including displaying only one immersive reading page at a time. However, implementation of displaying in one page was well known in the art. It would have been obvious to one of ordinary skill in the art, to combine the well known implementation of displaying only one reading page at a time with



Henckel's electronic book. Motivation of the combination would have been to make text bigger and easier to read.

As to claim 36, 38 and 40, Henckel et al. in view of Dow fail to clearly teach the title of the page. However, a title of a book was well known in the art. It would have been obvious to one of ordinary skill in the art, at the time the invention was made, to combine the well known implementation with Henckel's electronic book. Motivation of the combination would have been to be easy to navigate because of a bigger object.

Claims 4, 12, 30 and 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Henckel et al. [US. 5,463,725] in view the Dow and further in view of Ho [US. 6,407,757].

As to claims 4 and 12, Henckel et al. fail to clearly teach the step of invoking a training mode. However, in the same field of the invention, the claimed limitation is disclosed by Ho (column 2, lines 24-36). It would have been obvious to one of ordinary skill in the art, at the time the invention was made, to combine Ho's teaching with Henckel's the immersive reading page. Motivation of the combination would have been to provide users help to understand a book content.

As to claims 30 and 32, Henckel et al. fail to clearly teach the association to the user by providing audio indicators. However, in the same field of the invention, the claimed limitation is disclosed by Ho (column 4, lines 35-47). It would have been obvious to one of ordinary skill in the art, at the time the invention was

made, to combine Ho's teaching with Henckel's navigational functionality.

Motivation of combining would have been to alert users when turning page.

### ***Response to Arguments***

Applicant's arguments with respect to claims 1, 4, 9, 12, 22, 27 and 29-49 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mylinh Tran. The examiner can normally be reached on Mon - Thu from 7:00AM to 3:00PM at 571-272-4141.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo, can be reached at 571-272-4847.

The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

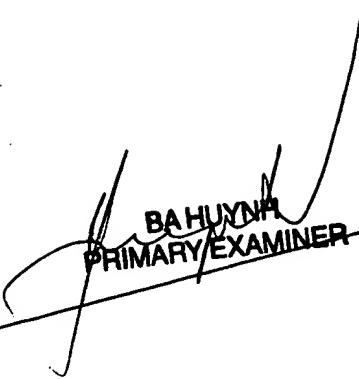
571-273-8300

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Mylinh Tran

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BA HUYNH  
PRIMARY EXAMINER